



SUS304 / SUS316 Immersible Ultrasonic Transducers Box 2400W

Our Product Introduction

For more products please visit us on Yunyisonic.com

Basic Information

- Place of Origin: CHINA
- Brand Name: YUNYISONIC
- Certification: CE, RoHS, ISO
- Model Number: YK Serie
- Minimum Order Quantity: 1 set
- Price: Negotiation
- Packaging Details: packing by carton or woodencase; the packing size decides by the machine
- Delivery Time: In Stock
- Payment Terms: T/T, Paypal, WeChat, Western Union, L/C
- Supply Ability: 300 sets per month

ULTRASONIC SUBMERSIBLE TRANSDUCERS PLATE



Product Specification

- Model: YK Series
- Material: SUS304 T.2.0mm Default (SUS316 If you need)
- Warranty: 1 Year & Life time Technical Support
- Frequency: 40kHz def (28/80/120/200kHz & 28/40kHz opt)
- Purpose: Ultrasonic Cleaning
- Color: Silver
- Highlight: SUS 304 immersible ultrasonic transducer.
 1. Portability and flexibility
 2. Efficient cleaning ability
 3. Energy saving, low power consumption
 4. High security, simple operation



More Images



SUS304/316 Immersible Ultrasonic Transducers Plate 2400W For Ultrasonic Cleaning

Ultrasonic Transducer Box technology extraction surpasses previous technical feasibility, obtains extraction more efficiently, is more effective than thermal extraction resident facility supervision, and reduces extraction time. Most pretreated material is extracted within 10-15 minutes.

YK4860



Ultrasonic Frequency	40kHz default (28 / 80 / 120 / 200 kHz & 28/40 kHz optional)
Material	Stainless Steel SUS304 Default (SUS316 If you need)
Timer	1~99min adjustable
Heater	N/A
Degas	NO
Semiwave	NO
Power Supply	AC 100~120V,50/60Hz (Using 2 pcs 1200W Generators) AC 220~240V,50/60Hz (Using 1 pcs 2400W Generator)
Ultrasonic Power	0-2400W
Transducer	48 pcs
Outlet Cables	3-meters cable default (1m waterproof tube + 2 m cables)
Product Size	750*600*100mm
Max Power	2400W
Warranty	1 year
1. Using high-quality high-performance transducers and unique ultrasonic generators strong cleaning power and stable performance. 2. Using high-quality stainless steel plate, acid and alkali resistance, beautiful appearance. 3. Split structure design, easy to install and use, easy to maintain, suitable for a variety of cleaning requirements. 4. Integral bending forming, straight seam double-sided protective welding, small deformation and thorough leakage prevention. 5. The shape, power lead-out method, and fixed position can be designed and customized according to needs.	
Application field:Manufacture line,Electronics, Aerospace and marine parts, Machinery,Plating and Painting,Food industry Industrial, experimental, etc	
CE/ROHS/FCC/PSE/ISO2018 9001	

How does the Ultrasonic Transducers Box (Plate / Bar / Rod) works?

The application principle of Ultrasonic Transducer Box is that the high-frequency vibration signal emitted by the ultrasonic generator is converted into high-frequency mechanical vibration through the converter and propagated into the medium. The flow of liquid creates tens of thousands of small air bubbles. Small air bubbles (cavitation nuclei) in the liquid vibrate under the action of the sound field. When the sound pressure reaches a certain value, the bubble grows rapidly and then closes quickly, making the bubble close. When the shock wave is generated, thousands of atmospheres of pressure are created around it, destroying the insoluble dirt and dispersing it in the cleaning fluid. When the group of particles is wrapped by oil and attached to the surface of the cleaning part, the oil is emulsified and the solid particles are separated, so as to achieve the purpose of cleaning the surface of the cleaning part.

Series	Ultrasonic vibration plate series						
Model	YK0618	YK1225	YK1830	YK2435	YK3042	YK3650	YK4860
Unit size	280*180*100	360*250*100	410*300*100	500*350*100	550*420*100	620*500*100	750*600*100
Frequency(kHz)	28/40	28/40	28/40	28/40	28/40	28/40	28/40
Transducers/Power (PCS/W)	6/300	12/600	18/900	24/1200	30/1500	36/1800	48/2400
Generator	External	External	External	External	External	External	External
Max power(W)	300	600	900	1200	1500	1800	2400

Ultrasonic Transducers Box (Plate / Bar / Rod) Features:

- Original BLT type transducer
- SUS stainless steel housing hard chrome plated (20+ microns)
- Support continuous operation
- Adjustable ultrasonic power
- Ultrasonic electronic generator with individual control
- Custom sizes available
- Number of Transducers: Range [6 to 48 PCS Transducers per Plate]
- Ultrasonic output: range [0-300W ~ 0-3000W]
- Ultrasonic frequency: 40kHz default (28 / 80 / 120 / 200 kHz & 28/40 kHz optional)

The Ultrasonic Generator Features:

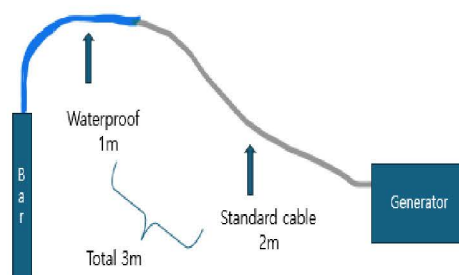
The Material: Cold Rolled Steel (CRS)

The generator housing is made of cold-rolled steel or cast iron, not stainless steel — SUS304 can't be used here. SUS304 Body / Shell on Request.

- Heating Mode / Sweep Mode / Multi Frequency Option Available on Request
- Support continuous operation
- Humanized operation
- Ultrasonic output: range [0-300W ~ 0-3000W]
- Ultrasonic frequency: 40kHz default (28/80/120/200kHz & 28/40kHz optional)

Ultrasonic Transducers Plate Cleaning Function:

1. Ensure that the underwater transducers are manufactured to individual customer specifications and adjust the size and ultrasonic output to provide cleaning and processing results.
2. These underwater transducers provide excellent ultrasonic activity and can be easily controlled by ultrasonic's advanced technology. Easy to install
3. The underwater sensor can be easily installed or retrofitted to existing tanks, allowing for easy service and maintenance while utilizing an upgraded system with ultrasonic cleaning technology.



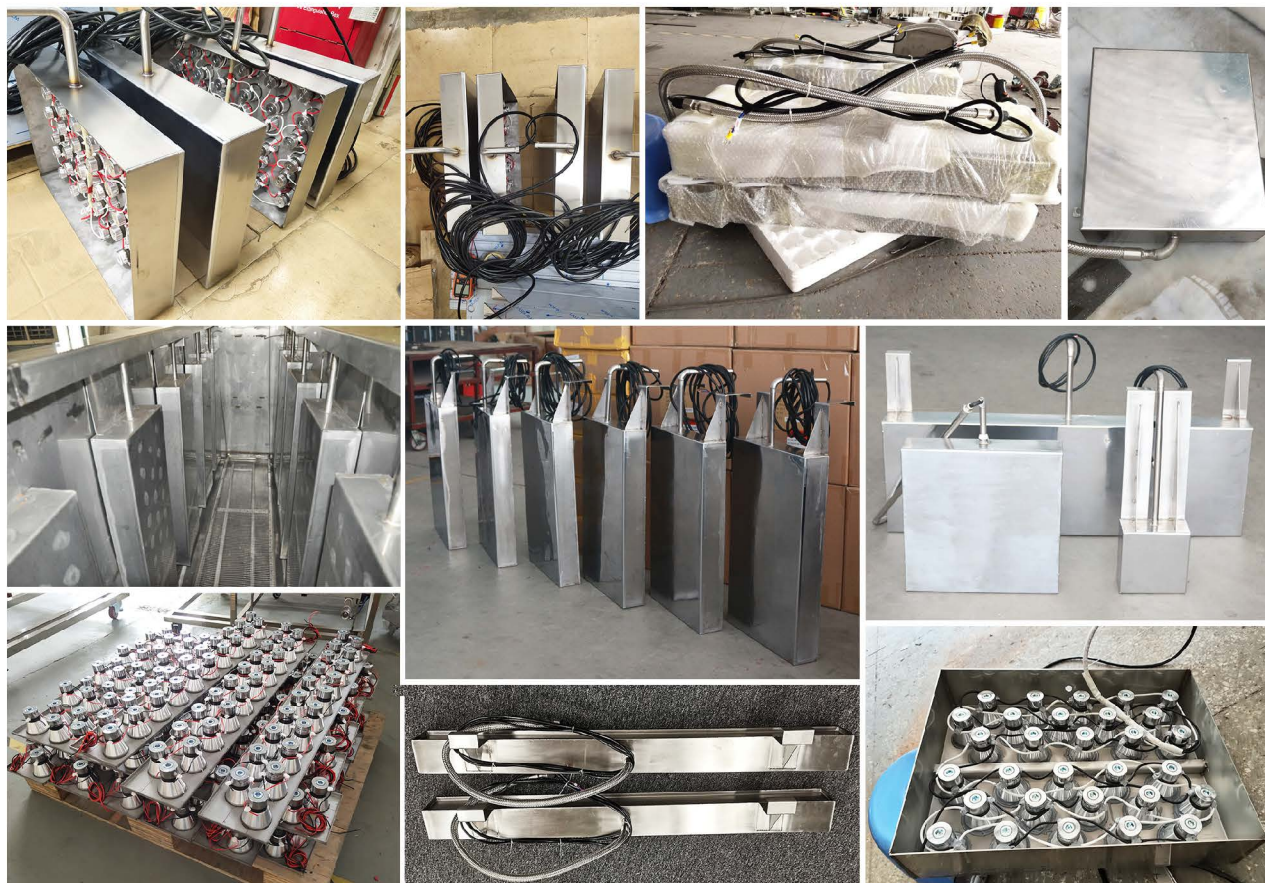
Ultrasonic Transducer Box's Outlet Cables

Ultrasonic Transducers Plate Package Including:

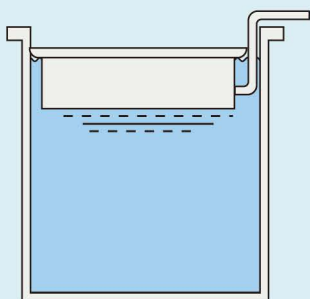
- 1 x Ultrasonic Transducers Plate
- 1 x Generator
- 1 x Manual

Packing method: wooden case packing

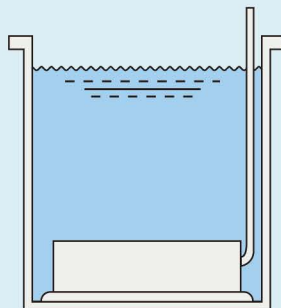
Ultrasonic Transducers Plate Production sample.



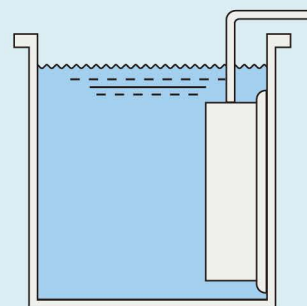
Installation mode



Top-type



Bottom-type



Side-type

Note: The ultrasonic vibration box (bar / rod / plate) needs to be completely immersed in water.

Note:

1. Ultrasonic input transducers Box can be customized including
Material: SUS304 def (SUS316 / Chrome-Plated / titanium alloy optional)
Power: 300-2400W
Frequency: 40kHz default (28 / 80 / 120 / 200 kHz & 28/40 kHz optional)
Power outlet mode/direction: hose/hard pipe, direction according to customer demand
Different needs affect costs, please confirm with sales in advance before placing orders.

Other immersion ultrasonic transducers boxes (bars / rods / plates):



Series	Ultrasonic vibration rods / cylindrical rods emit on one side						
Model	YH0320	YH0635	YH0950	YH1265	YH1580	YH1895	YH21105
Frequency(kHz)	28/40	28/40	28/40	28/40	28/40	28/40	28/40
Power(W)	150W	300W	450W	600W	750W	900W	1050W
Transducers(PCS)	3	6	9	12	15	18	21
Length(mm)	200	350	500	650	800	950	1050
Diameter(mm)	60/50	60/50	60/50	60/50	60/50	60/50	60/50

Series	Immersible rhombus ultrasonic vibration bars emit on four side								
Model	YHQ1230	YHQ1845	YHQ2460	YHQ3075	YHQ3690	YHQ42105	YHQ48120	YHQ54135	YHQ60140
Frequency(kHz)	40	40	40	40	40	40	40	40	40
Power(W)	600W	900W	0-1200W	0-1500W	0-1800W	0-2100W	0-2400W	0-2700W	0-3000W
Transducers(PCS)	12	18	24	30	36	42	48	54	60
Length(mm)	300	450	600	750	900	1050	1200	1350	1400
Diameter(mm)	140	140	140	140	140	140	140	140	140

Contact us

For more products, please visit:

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